

C.A.

KITTEL, G. A.

Halogen derivatives of cyclic dienes. I. Structure of halogen derivatives of 1,3-cyclopentadiene. L. H. H. and I. P. Tuckersmith. *J. Am. Chem. Soc.* 71, 1125, 1126 (1949). -- Passage of C<sub>1</sub> (with a 2.5-g. gain in wt. to reaction) into 4.7 g. 1,3-cyclopentadiene in 40 ml. H<sub>2</sub>O with cooling and letting the vessel stand overnight gave 80% 3-chloro-1,3-cyclopentadiene (I); m. 137-8° (from H<sub>2</sub>O). If the reaction is run at 35-40° (spontaneous heating) 41% of 2,3-dichloro-1,3-cyclopentadiene (II) m. 118-19°, is obtained; the product is identical with the chlorination product of I or with the product obtained from FeCl<sub>3</sub> according to Hantzsch [Ber. 22, 1320 (1889)]. Addn. of H<sub>2</sub>O to II until the color persisted gave 80% 4-bromo-2,3-dichloro-1,3-cyclopentadiene (III) m. 108° (from H<sub>2</sub>O); continuation of bromination in H<sub>2</sub>O with instantaneous decoloration stopped shortly gave 80% 4,4-dibromo-2,3-dichloro-1,3-cyclopentadiene, m. 69-70°, which was identical with the product described by Hantzsch (cf. above) as a mono-Br deriv. The authentic mono-Br deriv. gives an intense red color with FeCl<sub>3</sub> and is stable to aq. KI; the di-Br deriv. gives no color with FeCl<sub>3</sub> and liberates iodine from KI. G. M. Koudouff, Fulvane. N. D. Brown (Univ., Melbourne). *Nature* 165, 575-7 (1950). -- A theoretical discussion in which it is concluded that the as yet unknown hydration fulvane

$\text{HC}:\text{CH}:\text{CH}:\text{CH}:\text{C}:\text{C}:\text{CH}:\text{CH}:\text{CH}:\text{CH}$  will probably be the 1st example of a mol. in which the static charge distribution, the chemical bond diagram, and the quantum-mech. static bond orders do not provide an adequate picture of the reactivity. R. U. Eism

Kittel, G. A.

Kittel, G. A. and Tsukervanik, I. P. "Halogen derivatives of 1,2-cyclopentadiene and of 4-methyl cyclopentadiene", Doklady Akad. nauk UzSSR, No. 9, 1948, p. 8-11, (Resume in Uzbek).

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August 1959.

Unol.

KITTENBERGER, KALMAN

Kélet-Afrika vadonjaiban. (2. kiad.) Ifjúsági Könyvkiadó (1955) 230 p. (In the wilderness of East Africa. 2d ed. illus., map)

SOURCE: East European Acquisitions List (EEAL), Library of Congress  
Vol. 5, no. 6, June 1956

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A contribution to the study of the prerequisites for heat engineering in the construction of outside panels from the viewpoint of heat insulation and of the diffusion of steam.

p. 293 (Slovenska akademie vied. Ustav stavebnictva a architektury. Prace. 1954 (published 1956). Bratislava, Czechoslovakia)

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February 1958

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Development of methods for computing natural illumination of  
buildings taking into account reflected light. Svetotekhnika  
2 no.2:18-21 Nr '56. (MIRA 9:7)

1. Chekheslevakiya, Slevatskaya akademiya nauk.  
(Lighting)

Kittler, R.

Kittler, R. A few remarks on the bilateral lighting of schools. p. 179.

Vol. 5, no. 3, 1956  
STAVEBNICKY CASOPIS  
TECHNOLOGY  
Czechoslovakia

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No. 5

KITTLER, R.

Practical design of windows for rooms with side lighting. p. 292.

STAVERNICKY CASOPIS. (Slovenska akademia vied) Bratislava,  
Czechoslovakia, Vol. 7, no. 5, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 1,  
Jan, 1960

Uncl.



KITTLER, R., insh.; ONDREICHKA, Sh. [Czechoslovakian], insh., kand. tekhn.  
nauk

Calculation of illumination from an inclined plane light  
source. *Svetotekhnika* 8 no.9:11-13 8 '62. (MIRA 15:10)

1. Institut stroitel'stva i arkhitektury Slovatskoy akademii  
nauk, Bratislava, Czechoslovakia.

(Electric lighting)

KITTLER, R.

Luminance distribution on a cloudless sky according to measurements and theoretical relations. Meteor spravy 15 no.2:34-35 '62.

1. Československá akademie věd, Ústav stavebnictva a architektury  
Slovenské akademie věd, Bratislava.

~~KITTEL, Shtefan~~ kand. tekhn. nauk; ONDREICHKA, Shtefan [Ondrejicka, S.],  
insh.

Letter to the editor. Svetotekhnika 9 no.7:26 J1 '63.  
(Electric lighting) (MIRA 16:7)

KITTLER, Richard, ins., C.Ss.

Directional property of the light transmission of the flat window glass. Stav cas 11 no.1/2:161-168 '63.

1. Ustav stavebnictva a architektury, Slovenska akademie vied, Bratislava.

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New calculation formulas for determining the sky component of daylight from a sloping rectangular aperture with transparent glass. Stav cas 11 no.8:469-485 '63.

1. Ustav stavebnictva a architektury, Slovenska akademia vied, Bratislava,

KITTLER, R., kand.tekhn.nauk

Empirical formulas for determining reflected component of daylight  
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20 Mr 64. (MIRA 17:3)

1. Institut stroitel'stva i arkhitektury Slovatskoy akademii nauk,  
Bratislava, Chekhoslovatskaya Sotsialisticheskaya Respublika.

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Determination of the skylight factor for vertical rectangular daylighting apertures. Stav cas 12 no.5:261-278 '64.

1. Institute of Building and Architecture, Slovak Academy of Sciences, Bratislava.

M. L. Richard, Ing. A. S.

Programs, new information and future research trends in the theory of daylighting interiors. Stav cos 12 no.8:437-452 '64.

1. Institute of Building and Architecture of the Slovak Academy of Sciences, Bratislava.



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Preliminary findings in cerebrospinal fluid analysis in control  
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1. Of the Institute of Venereology and of the Cerebrospinal Fluid  
Laboratory of Psychiatric Clinic.

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(SYPHILIS, diagnosis.

serol., Kahn's universal reaction in nonspecific  
positive cases)

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(TREPONEMA PALLIDUM,  
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Dissertations, a help in industrial research. Tech prace  
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1. Statni technicka knihovna, Praha.

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periodicals: RUDY Vol. 6, no. 10, Oct. 1958

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p. 341.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5  
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**KITTHAR, Erik; VLASAK, Zdenek; WEHRSCHNEIDER, Jiri**

A new specific reaction in serodiagnosis of syphilis. Cas.lek.  
cesk.99 no.39:1257-1258 23 8 '60.

1. Ustav ser a ockovacich latek, Praha, reditel dr. Jiri Malek,  
Vojensky ustav hygieny, epidemiologie, mikrobiologie, Praha,  
nucelnik dr. Zdenek Vlasak.  
(SYPHILIS diag)

KITTNER, Zdenek

Effects of crude oil and their products on streams. Cesk. hyg. 7  
no.4:254-258 My '62.

1. Vysoka Ucení Technické, Brno.

(WATER POLLUTION) (PETROLEUM)



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Cytological contribution to the diagnosis of loss of amniotic fluid. Cesk. gyn. 21 no.5:325-329 Sept 56.

1. Ústav pro péči o matku a dítě, Praha-Podolí, reditel prof. MUDr. Jiri Trapl.

(AMNIOTIC FLUID

loss, diag. by cytol. (Cs))

(VAGINAL SMEARS

determ. of loss of amniotic fluid (Cs))

**KITTRICH, Miroslav, MUDr.**

Significance of meconium staining of the amniotic fluid as a  
diagnostic sign in hypoxia. Cesk. gyn. 21-35 no.1:56-62 Feb 56.

1. UPMD, Praha-Podolí, reditel prof. MUDr. J. Trapl.  
(ASPHYXIA NEONATORUM, diagnosis,  
meconium staining of amniotic fluid. (Cs))  
(AMNIOTIC FLUID,  
meconium stain. in diag. of fetal hypoxia. (Cs))

FITZPATRICK, Michael, M.D.; GADPISSE, Josef, M.D.

Pathology of fetal membranes in premature delivery. Czech. J. Gyn. 22[56]  
no. 5: 385-390 June 59.

1. HUMB- Probst-Podell, (pre/next prof. M.D. J. Trautl.  
(JSTAN H-OBSTETRIC, cathol.  
in premature & term delivery, neonatology (19))

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Govjanov's method of management of pelvic presentation. Cesk. gyn. 24[38]  
no.3:174-181 Mar 59.

1. Ustav pro peci o matku a dite v Praze-Podoli. reditel prof. dr. J.  
Traplved, ped. sekce dr. K. Balascek, M. K. JEDL, nahr. K. Marne 157,  
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(LABOR PRESENTATION,

pelvis, Govjanov's method of management (Cz))

KITTRICH, M.; KNEDELSANSOVA, E.; HERRINGOVA, A.

Contribution to the problem of infection of amniotic fluid.  
Cesk. gyn. 24[38] no.8:604-610 0 '59

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M. Vojta, zasl. lekar CSR.  
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The reliability of the proof of the departure of the amniotic fluid by means of Nile blue. Cesk.gyn.25[39] no.6:493-497 J1'60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc.MUDr. M. Vojta.

(AMNIOTIC FLUID)

KITTRICH, Radomil, doc., ins.

Strength of viscoelastic rocks. Sbor VSB Ostrava 9 no.2:  
297-302 '63.

KITULESCU, I.; BALUTA, V.

Experimental data on the regulating activity of proteases  
by physiological elements. Studii cerc biochimie 6 no.4:  
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1. Institutul oncologic, Bucuresti, Laboratorul de enzimologie.



KITULESCU, I.  
GOSTAKEL, O., KITULESCU, I.

The capacity of synthesis of acetylphosphate of the serum in cancerous  
and noncancerous patients at pH 4. Rev. sci. med. 5 no. 1/2:7-10 '60.

(NEOPLASMS blood) (PHOSPHATES blood)

KITULESCU, I.; HALUTA, V.; PASCU, D

Method for extraction of glycopeptides from biological materials (white of an egg, human serum). *Studii cerc biochimie* 8 no.1:49-53 '65.

Serico mucoproteins as a means of differentiation of proteases in the serum of animals carrying tumors and those which are not carrying tumors. *Ibid.*:55-58

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the biochemical differentiation of normal from cancerous  
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KIMBAR, B.A., red.; ZHUK, V.N., tekhn. red.

[Mechanization of work and electrical wiring operations]  
Mekhanizatsiia truda i elektromontazhnye raboty; posobie  
dlya uchashchikhsia VIII klassa. Minsk, Gos.uchebno-  
pedagog. izd-vo M-va prosv.BSSR, 1963. 134 p.

(Electric wiring)

(MIRA 16:12)

TSEDRIK, Mikhail Semenovich, kand. fiz.-matem. nauk; KITINOVICH, Fodor Grigoriyevich; MIKULICH, Aleksey Stepanovich; KACHINSKIY, Anatoliy Mikhaylovich. Prinimal uchastiye YUSHKEVICH, N.A.; MOLCHANOVA, A.K., red.

[Textbook on physics for persons entering schools of higher education] Posobie po fizike dlia postupaiushchikh v vuzy. Minsk, Vysshaya shkola, 1965. 278 p.  
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COSTACHEL, O., KITULESCU, I., POPP, I.

Influence of diisopropylfluorophosphate (DIPF) on the capacity of  
acetylphosphate synthesis of the brain of mice with transplanted  
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(ISOPHOSPHATE pharmacol) (PHOSPHATES metab)  
(BRAIN metab) (NEOPLASMS metab)

COSTACHEL, O.; KITULESCU, I.; POPP, I.

The influence of di-isopropylfluorophosphate (DIFP) on the taking of  
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60.

(ISOFLUOROPHATE pharmacol) (NEOPLASMS exper)

COSTACHEL, O.; KITULESCU, I.; BALUTA, V.

Energetic aspects of the relations between Ehrlich's ascites carcinoma and tissues of animals with or without tumors. Rev. sci. med. 5 no.1/2:27-30 '60.

(NEOPLASMS metab) (PHOSPHATES metab)



KITULESCU, I., BALUTA, V.

Influence of glucose and nicotinamide on the capacity of synthesis  
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(PHOSPHATES metab) (GLUCOSE pharmacol)  
(NICOTINIC ACID related cpds)

KITUNOVICH, F. O.  
Acoustics

Dissertation: "Mechanical Vibrations and Waves, and Acoustics in a Physics Course in the Secondary School." Cand Pedagog Sci, Moscow City Pedagogical Inst, Moscow, 1953. (Referativnyy Zhurnal, Fizika, Moscow, Mar 54)

SO: SUM 213, 20 Sep 1954

KITUSHIN, V.G., insh.

Concerning a practical criterion of the possibility of connecting a large single-phase load to an electric-power system at a given point in the network. Izv.vys.ucheb.sov.; energ. 4 no.4:126-125 Ap 1961. (MIRA 14:5)

1. Toplodelektroproyekt, Novosibirskoye otdeleniye Vsesoyuznogo gosudarstvennogo proyektного instituta.  
(Electric power distribution)

KITUSHIN, V.O., inzh. (Nevosibirsk)

Determination of energy losses during reverse power flow.  
Elektrichestvo no.8:82-83 S 165.

(MIRA 18:10)

ACC NR: AP7004643

(A)

SOURCE CODE: UR/0288/66/000/003/0110/0117

AUTHOR: Kitushin, V. G.

ORG: Siberian Scientific Research Institute of Power Engineering, Novosibirsk  
(Sibirskiy nauchno-issledovatel'skiy institut energetiki)

TITLE: Prospects for utilization of asynchronous generators

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya tekhnicheskikh nauk,  
no. 3, 1966, 110-117

TOPIC TAGS: ~~power generating station~~, electric generator unit, electric power plant,  
*generator, asynchronous generator*

ABSTRACT: The study on the utilization of large (greater than 200-Mw power output) asynchronous generators in power generating systems finds that the cost of such systems may be reduced especially when power is to be delivered to remote points. This is due to the fact that asynchronous generators remain stable when power lines must accommodate large amounts of power. The system cost is ~~lower~~ *lower* than the cost of a 200-Mw asynchronous generator. In addition, if both type generators have a common shaft the necessary reactive power for the asynchronous generator may be derived from the output of a synchronous generator further increasing the stability of the whole system. The author analyzes the factors which govern the

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UDC: 621.313.332

ACC NR: AP7004643

static and dynamic stability of a 500-kv asynchronous generator which must deliver its power at a distance of 1000 km. The results of an experiment confirm the theoretical findings. Orig. art. has: 9 formulas and 5 figures.

SUB CODE: 10/ SUBM DATE: 22Dec65/ ORIG REF: 011/ OTH REF: 002

Card 2/2

KONSTANTINOV, V.I.; SUTOVSKIY, S.M.; Prinimali uchastiye: MARTIROSOV, Zh.G.;  
RUVINOV, E.S.; GULIYEV, A.M.; KITUSHINA, I.A.; NIFONTOV, P.R.;  
CHUDAKOV, V.A.

Automatic measurement of chlorine concentration in anodic gas.  
TSvet. met. 36 no.5:45-51 My '63. (MIRA 16:10)

1. Nauchno-issledovatel'skiy i proyektnyy institut "Neftekhimavtomat"  
(for Martirosov, Ruvinov, Guliyev, Kitushina).

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APPROVED FOR RELEASE: 09/17/2001

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Kitushina, Ye. N.

Translation from: *Doklady Akad. Nauk SSSR*, 1979, No. 10, p. 141 (1979)  
 0013-788X/79/0010-0141\$07.50/0

**AUTHORS:** Kitushina, Ye. N.; Shchegolev, V. I.; Shchegolev, V. I.; Shchegolev, V. I.

**TITLE:** An Investigation of Saline Petroleum of the Upper Formation with the Aim of Obtaining HEAVY OIL

**PERIODICAL:** *Dokl. Akad. Nauk SSSR*, (in Russian), 1979, No. 10, pp. 141-145 (Academy of Sciences Series)

**ABSTRACT:** The results of experiments are given on the investigation of the possibility of using heavy from saline petroleum of the upper formation with the aim of finding additional resources for the production of heavy oil. The investigation was carried out with regard to obtaining HEAVY OIL. The examination as well as with the application of the process of desalination of the initial concentrate, and also with regard to obtaining HEAVY OIL directly with the application of desalination and selective purification by solvent. It has been shown that HEAVY OIL can be obtained by both methods with all indices corresponding to the standard with exception of density; the oil yield in comparison with the yield from ordinary saline petroleum is twice lower. HEAVY OIL from saline petroleum in its principal indices satisfies the demands of the technical standards.

Card 1/2

V. Shchegolev

KULIYEV, A.M.; KULIYEV, A.Sh.; DZHYZEINA, M.M.; ANTONOVA, K.I.;  
KITUSHINA, Ye.M.; CHIKAROVA, N.I.; ALIYEV, M.I.

Investigating Neftyanoye Kamni crude with regard to its suitability  
for producing distillate lubricating oils. Sbor.trud.AsNII NP  
no.2:106-130 Ag '58. (MIRA 12:6)  
(Neftyanoye Kamni region--Petroleum--Analysis)  
(Lubrication and lubricants)

KULIYEV, A.M.; KULIYEV, R.Sh.; DREYZINA, M.M.; ANTONOVA, K.I.; KITUSHINA,  
Ye.F.; CHEKAROVA, N.I.; ALIYEV, M.I.

Producing residual oils from Neftyanyye Kamni crude. Sbor.trud.  
AsNI MP/ no.2:131-144 Ag '58. (MIRA 12:6)  
(Neftyanyye Kamni region--Petroleum)  
(Petroleum--Refining)



KIT'YAN, N.N.; NIKOLAYEV, N.N.

Allylase therapy for trichomonal urethritis in man. Vest. ven. i  
derm. no.6:47 N-D '54. (MIRA 8:2)

1. Kafedra koshnykh i venericheskikh bolezney Rostovskogo meditsin-  
skogo instituta.

(URETHRA--DISEASES) (PHARMACOLOGY) (TRICHOMONIASIS)

KIT'YAN, N.N., Cand Med Sci -- (diss) "Treatment of acute and  
fractional ~~losses of blood~~ <sup>by means of</sup> a new colloidal solution."  
Kostov-on-Don, 1958, 18 pp (Kostov-on-Don State Med Inst)  
200 copies (KL, 50-58, 129)

- 127 -

KITIK, V.I.

Problem of the classification of oil and gas pools. Geol. zhurn.  
18 no. 4: 38-44 '58.  
(Oil fields) (Gas, Natural) (MIRA 12:1)

DOLENKO, Grigoriy Nazarovich [Dolenko, H.N.]; KITIK, Vasilii Ivanovich;  
PORFIR'YEV, V.B. [Porfir'iev, V.B.], akademik, otv.red.;  
MEL'NIK, G.P. [Mel'nyk, H.P.], red.isd-va; LISOVETS, O.N.  
[Lysovets', O.N.], tekhn.red.

[Geology of Ukrainian oil fields] Geologiya naftovykh rodo-  
vyshoh Ukrainy. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 198 p.  
(MIRA 13:2)

1. AN USSR (for Porfir'yev).  
(Ukraine--Petroleum geology)



(5)

14(5)

AUTHOR:

Kityk, V. I.

SOV/152-59-3.5/25

TITLE:

The Types of the Salt Structures in the Dnepr-Donets Depression  
(Tipy solyanykh struktur Dneprovsko-Donetskoy vpadiyny)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Nef' 1 gas, 1959,  
Nr 3, pp 25-31 (USSR)

ABSTRACT:

The salt structures of this area lie in the central zone and in the southwestern and northeastern zone of the bedding slips. In regard to their morphology and their structure they belong to the dome-shaped diapyr folds, the core of which consists of saliferous rock. The majority of these salt structures can be reduced to geographical systems, to tectonic lines that drift parallel to the main structural elements of the respective areas. Each of these lines consists of a series of dome-shaped folds. These fold systems can be considered as continued salt anticlinals the structure of which is only rarely disturbed by horstlike uplifts. According to the classification of V. Ye. Khmelnitskiy (Ref 12) these structures are subdivided in a) diapyr folds with open salt intrusion b) cryptodiapyr folds (the salt intrusion does not pass through all layers of sediment and is superposed by a discordance) c) diapryoid folds and d) cryptodiapryoid

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**The Types of the Salt Structures in the  
Dnepr-Donets Depression**

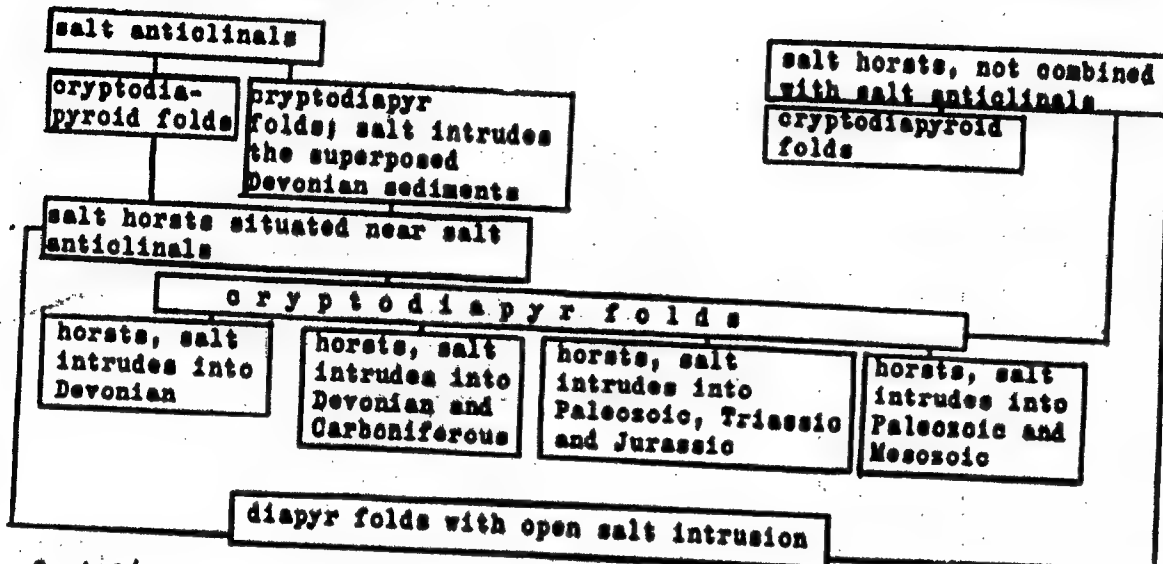
**80V/152-59-3-5/25**

fold (the salt core only waves the superposed layers without intrusion). As discordances were established such between Devonian and Carboniferous, between Carboniferous and Permian, between Jurassic and Cretaceous and between Cretaceous and Tertiary. The salt structures are summarized in the following scheme:

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The Types of the Salt Structures in the  
Dnepr-Donets Depression

SOV/152-59-3-5/25



Card 3/4

**The Types of the Salt Structures in the  
Dnepr-Donets Depression**

SOV/152-59-3-5/25

In the area examined all subspecies of this scheme were found with exception of the salt horsts which intrude into the Paleozoic, Triassic and Jurassic. Their existence is only assumed. The article brings sketches as examples of the individual salt structures found in the area examined. There are 1 figure and 12 Soviet references.

**ASSOCIATION:** L'vovskiy politekhnicheskii institut (L'vov Polytechnic Institute)

**SUBMITTED:** June 9, 1958

Card 4/4

KITYK, V.I.

Conditions governing the formation of gas in the Azov region.  
Geol. zhur. 19 no.5:54-63 '59. (MIRA 13:2)  
(Azov region--Gas, Natural--Geology)

KITIK, V.I.

Basic kinematic characteristics of the formation of salt domes  
in the Dnieper-Donets Lowland. Sov. geol. 3 no. 9:134-137  
8 '60. (MIRA 13:11)

1. Institut geologii poleznykh iskopayemykh AN USSR.  
(Dnieper-Donets Lowland--Domes (Geology))  
(Geology, Structural)

KITIK, V.I. [Kityk, V.I.]; KOLTUN, V.I.

Conference on geological activities of microorganisms. Geol. zhur,  
20 no. 4:110-111 '60. (MIRA 14:4)  
(Microorganisms)



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Producible oil and gas reserves in salt structures of Transcarpathia.  
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